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4,5-Diaryloxazol-2-yl- alkyl-aryl or -aryloxy alkanoic acid derivs. - are platelet aggregation inhibitors, vasodilators, and antihypertensives

Patent Assignee: FUJISAWA PHARM CO LTD (FUJI)

Inventor: HATTORI K; OKITSU O; TABUCHI S; TANIGUCHI K; TANIGUCHI K; TSUBAKI K

Patent Family (19 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997003973	A1	19970206	WO 1996JP1996	A	19960718	199713	B
AU 199664697	A	19970218	AU 199664697	A	19960718	199723	E
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			WO 1996JP1996	A	19960718		
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CN 1095839	C	20021211	CN 1996197084	A	19960718	200528	E

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Patent Details

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Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199664697	A	EN			Based on OPI patent	WO 1997003973
ZA 199606126	A	EN	138	0		
EP 842161	A1	EN			PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
HU 199900881	A2	HU			PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
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					Based on OPI patent	WO 1997003973
AU 716304	B	EN			Previously issued patent	AU 9664697
					Based on OPI patent	WO 1997003973
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					Based on OPI patent	WO 1997003973
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					Division of patent	US 5972965
EP 1213285	A2	EN			Division of application	EP 1996924137
					Division of patent	EP 842161
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
EP 842161	B1	EN			PCT Application	WO 1996JP1996
					Related to application	EP 20023081
					Related to patent	EP 1213285

		Based on OPI patent		WO 1997003973	
Regional Designated States,Original		AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE			
DE 69623785		E	DE	Application	
				EP 1996924137	
				PCT Application	
				WO 1996JP1996	
				Based on OPI patent	
				EP 842161	
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				WO 1997003973	
ES 2181902		T3	ES	Application	
				EP 1996924137	
				Based on OPI patent	
				EP 842161	

Alerting Abstract WO A1

(4,5-Diaryloxazol-2-ylalkyl)aryl (or -aryloxy) alkanolic acid derivs. of formula (I) and their salts; R₂, R₃ = aryl (opt. substd.); R₄ = H, OH, 1-6C alkyl, or aryl; A₁ = 1-6C alkylene substd. by R₄); A₃ = A₄-A₅; A₄ = a bond, CH₂, or CO; A₅ = 5-8C cycloalkene, 7-8C cycloalkane, pyrrolidine, or piperidine (all opt. substd.), or X-A₆; X = O, S, or NR₅; R₅ = H, 1-6C alkyl, or aryl; USE - (I) have platelet aggregation, vasodilating, and antihypertensive activities, and are useful in the treatment of thrombosis, arterial obstruction, cerebrovascular disorders, gastric ulcer, hepatitis, hepatic artery stenosis after PTCA, hypertension, inflammation, autoimmune disease, heart failure, renal insufficiency, bedsores, and for protecting organs after transplant or surgery, also in organ preserving fluids.

Title Terms /Index Terms/Additional Words: DI; YL; ALKYL; ARYL; ARYLOXY; ALKANOIC; ANTIHYPERTENSIVE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61K-031/33; A61K-031/42; C07D-263/32			Main		"Version 7"
A61K-031/00; C07D-263/34; C07D-413/04			Secondary		"Version 7"
A61K-0031/42	A	I		R	20060101
C07D-0263/32	A	I		R	20060101
C07D-0413/04	A	I		R	20060101
A61K-0031/42	C	I		R	20060101
C07D	S	I		R	20060101
C07D-0263/00	C	I		R	20060101
C07D-0413/00	C	I		R	20060101

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DWPI Class: B03

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(54) Title: 4,5-DIARYL OXAZOLE DERIVATIVES

(57) Abstract

Heterocyclic compounds of formula (I), wherein R¹ is carboxy or protected carboxy, R² is aryl which may have suitable substituent(s), R³ is aryl which may have suitable substituent(s), R⁴ is hydrogen, lower alkyl, hydroxy or aryl, A¹ is lower alkylene, (a) is (b), etc., -A³- is (c), etc. and n is 0 or 1, and pharmaceutically acceptable salts thereof which are useful as a medicament.

